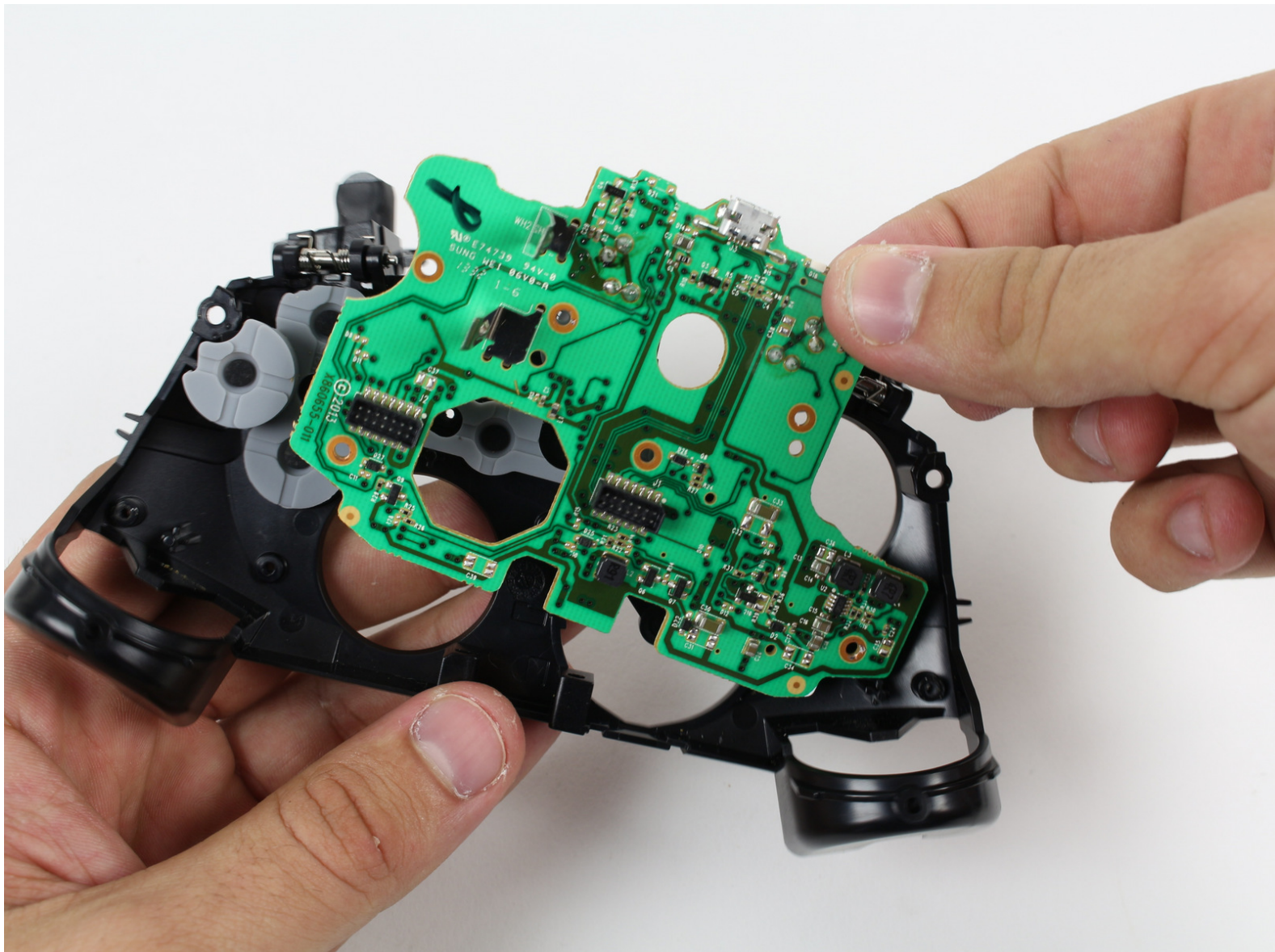




# Xbox One Wireless Controller Bottom Motherboard Replacement

Prerequisite Only: Remove the bottom motherboard for access to the buttons and triggers.

Written By: Liam Gow



## INTRODUCTION

This guide will show you how to remove the motherboards in order to access the buttons and triggers.



### TOOLS:

- [Tweezers](#) (1)
- [T6 Torx Screwdriver](#) (1)
- [T8 Torx Screwdriver](#) (1)
- [Soldering Station](#) (1)
- [Spudger](#) (1)



### PARTS:

- [Xbox One Controller Motherboard](#) (1)

## Step 1 — Battery Pack



- Remove the battery pack cover.
- Remove batteries.

## Step 2 — Side Handles



 We recommend using a nylon spudger for this step. A metal spudger is shown.

- Grip the controller firmly to remove the side handles, wedging a spudger into the seam between the front and handle plates.
- Pry the side plate away from the front plate by moving the spudger back and forth. You will need to do this all the way around the side plate's seam.



## Step 3 — Screws



- ❗ There is a hidden screw located in the middle of the controller behind the label.
- Use a screwdriver and punch a hole directly in the center of the label.
- ❗ You may also lift the label if you do not want to puncture it.
- Remove the five 10mm screws located on the back of the controller using the T8 Security Torx Screwdriver.

## Step 4 — Backplate



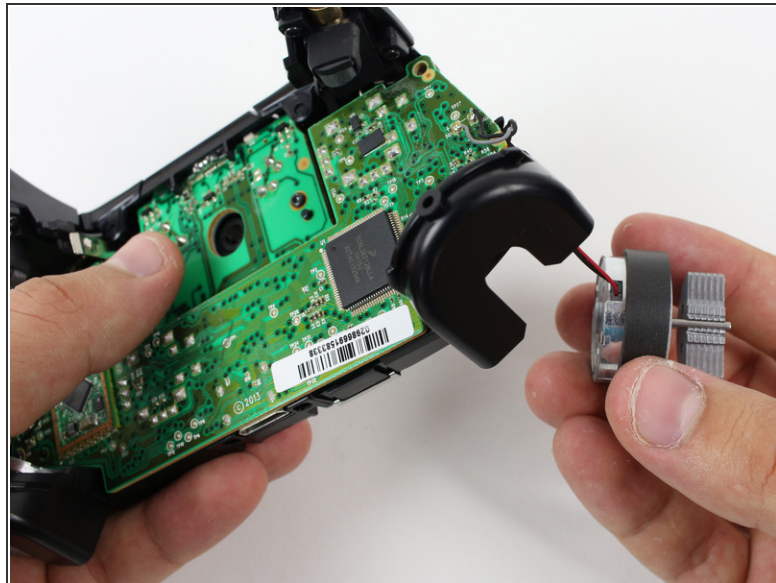
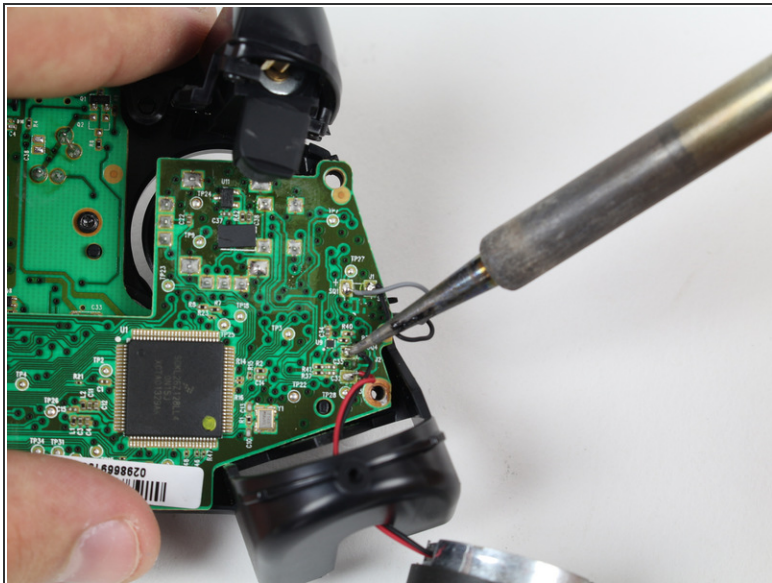
- Remove the backplate.


## Step 5 — Faceplate




- Remove the faceplate.


## Step 6 — Top Motherboard



 You may let the rumble motors hang freely out of their sockets.

- De-solder the soldered joints while holding the red and black wires down on the top motherboard.
- De-solder the black and gray wires that are attached to the top motherboard.
- Remove the rumble motors and set them aside.

 Be careful while using the soldering iron not to damage other components or hurt yourself.

 For information on how to solder, [click here](#).

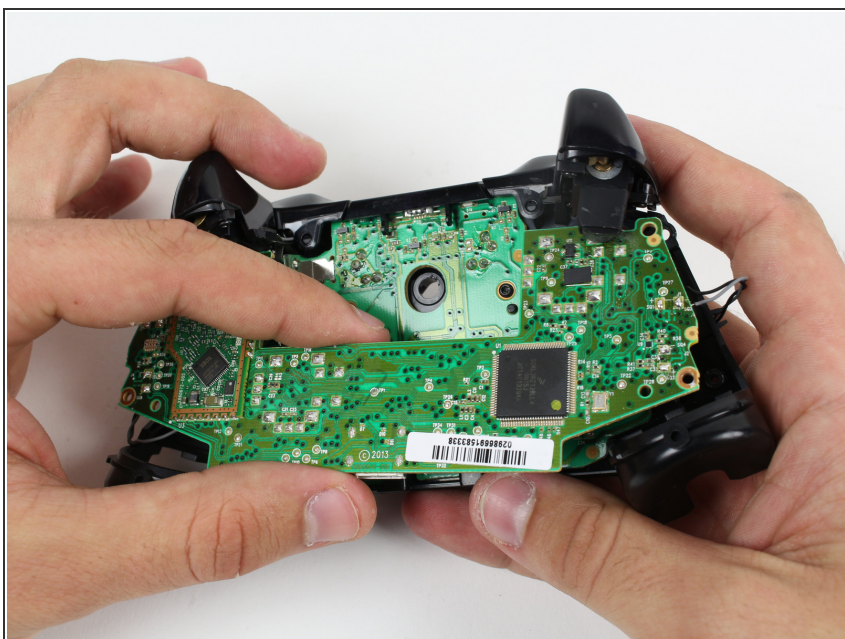


## Step 7



- Unscrew the two 7mm T6 screws located near the rumble motor sockets.

## Step 8



- Firmly grip sides of motherboard near the middle.
- Lift upwards while slightly wiggling the motherboard forward and backward.
- ⓘ Lifting the motherboard will require some force.

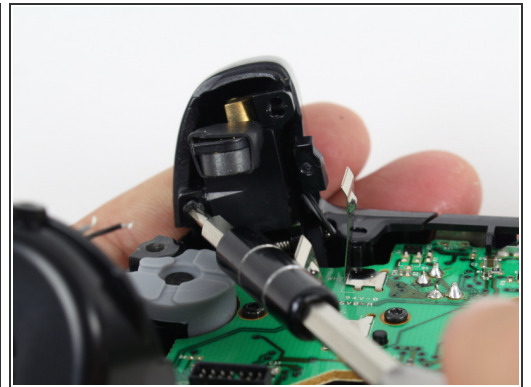
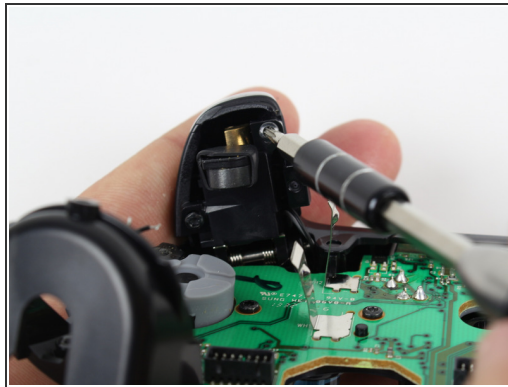
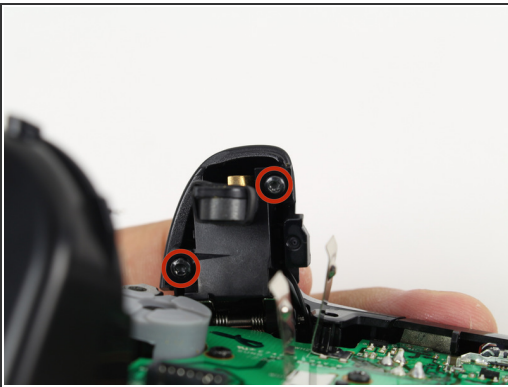


## Step 9 — Trigger Rumble Motors



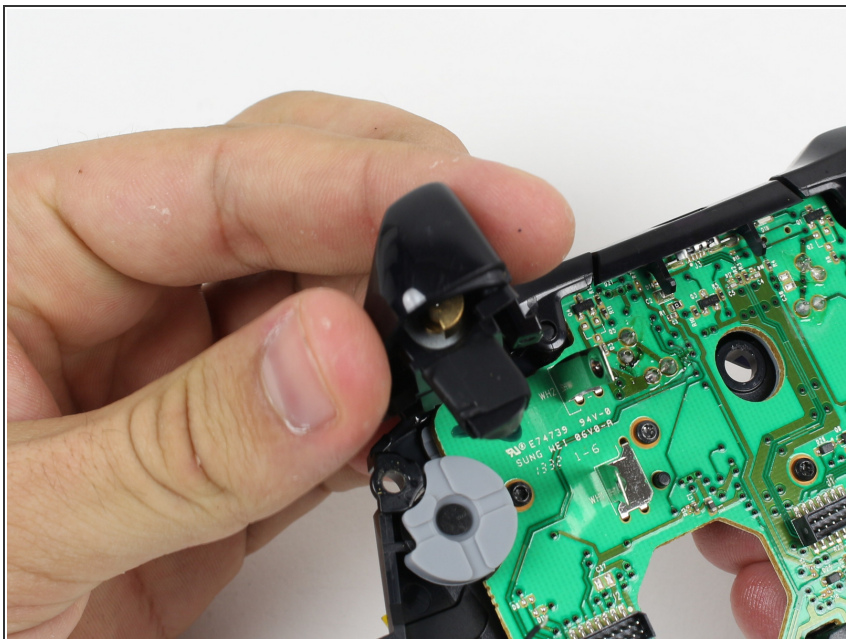
- Remove the yellow tape holding the wires in place on the front of the controller.

## Step 10



- Unscrew the two 7mm T6 Hex screws located on underside the triggers.

## Step 11



- Remove the trigger covers.

## Step 12



- ❗ Desolder the wires from the motherboard.
- Remove the rumble motors from its socket and pull the wire with it.



## Step 13 — Bottom Motherboard



- Remove the six T6 Torx screws located on the bottom motherboard.

## Step 14



- Remove the bumpers by prying them off of the pegs that secure them, using a spudger. They are located on the front and back of the controller.




A standard nylon spudger is recommended for this step. Using a metal spudger near the motherboard as shown risks damaging your device.




## Step 15

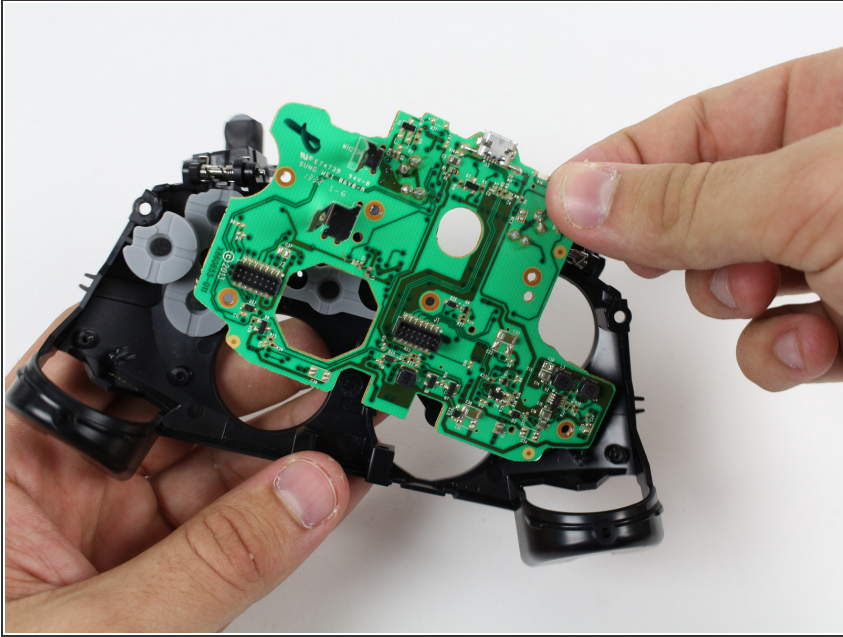


- Lift the piece surrounding the Home button off of its pegs.
- Pry it off of the other side, using a spudger on the pins.

 A standard nylon spudger is recommended for this step. Using a metal spudger near the motherboard as shown risks damaging your device.

 Removing this piece may require a lot of force.

## Step 16



- Remove the bottom motherboard.

To reassemble your device, follow these instructions in reverse order.

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